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1579-599

09/960,717

APPLICANT

HAYNES et al

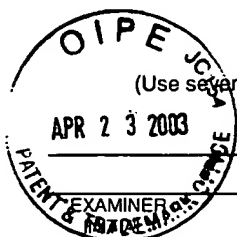
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U.S. PATENT DOCUMENTS



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DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

<input checked="" type="checkbox"/>	Trkola et al, "Human Monoclonal Antibody 2G12 Defines a Distinctive Neutralization Epitope on the gp120 Glycoprotein of Human Immunodeficiency Virus Type 1", Journal of Virology 70(2):1100-1108 (1996)
<input checked="" type="checkbox"/>	Mo et al, "Human Immunodeficiency Virus Type 1 Mutants That Escape Neutralization by Human Monoclonal Antibody IgG1b12", Journal of Virology 71(9):6869-6874 (1997)
<input checked="" type="checkbox"/>	Ye et al, "Association of Structural Changes in the V2 and V3 Loops of the gp120 Envelope Glycoprotein with Acquisition of Neutralization Resistance in a Simian-Human Immunodeficiency Virus Passaged In Vivo", Journal of Virology 74(24):11955-11962 (2000)
<input checked="" type="checkbox"/>	Fouts et al, "Neutralization of the Human Immunodeficiency Virus Type 1 Primary Isolate JR-FL by Human Monoclonal Antibodies Correlates with Antibody Binding to the Oligomeric Form of the Envelope Glycoprotein Complex", Journal of Virology 71(4):2779-2785 (1997)
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<input checked="" type="checkbox"/>	Moore et al, "Exploration of antigenic variation in gp120 from clades A through F of human immunodeficiency virus type 1 by using monoclonal antibodies", Journal of Virology 68(12):8350-8364 (1994) – Abstract
<input checked="" type="checkbox"/>	Jiang et al, "A Conformation-Specific Monoclonal Antibody Reacting with Fusion-Active gp41 from the Human Immunodeficiency Virus Type 1 Envelope Glycoprotein", Journal of Virology 72(12):10213-10217 (1998)
<input checked="" type="checkbox"/>	Rimsky et al, "Determinants of Human Immunodeficiency Virus Type 1 Resistance to gp41-Derived Inhibitory Peptides", Journal of Virology 72(2):986-993 (1998)
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<input checked="" type="checkbox"/>	Collman et al, "An infectious molecular clone of an unusual macrophage-trophic and highly cytopathic strain of human immunodeficiency virus type 1", Journal of Virology 66(12):7517-7521 (1992) – Abstract
<input checked="" type="checkbox"/>	Muster et al, "A conserved neutralizing epitope on gp41 of human immunodeficiency virus type 1", Journal of Virology 67(11):6642-6647 (1993) – Abstract
<input checked="" type="checkbox"/>	Cormier et al, "Specific interaction of CCR5 amino-terminal domain peptides containing sulfotyrosines with HIV-1 envelope glycoprotein gp120", PNAS 97(11):5762-5767 (2000)
<input checked="" type="checkbox"/>	Hoffman et al, "A biosensor assay for studying ligand-membrane receptor interactions: Binding of antibodies and HIV-1 Env to chemokine receptors", PNAS 97(21):11215-11220 (2000)
<input checked="" type="checkbox"/>	Myszka et al, "Energetics of the HIV gp120-CD4 binding reaction", PNAS 97(16):9026-9031 (2000)
<input checked="" type="checkbox"/>	Roben et al, "Recognition properties of a panel of human recombinant Fab fragments to the CD4 binding site of gp120 that show differing abilities to neutralize human immunodeficiency virus type 1", Journal of Virology 68(8):4821-4828 (1994) – Abstract
<input checked="" type="checkbox"/>	Muster et al, "Cross-neutralizing activity against divergent human immunodeficiency virus type 1 isolates induced by the gp41 sequence ELDKWAS", Journal of Virology 68(6):4031-4034 (1994) – Abstract
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FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

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	Furata et al, "Capture of an early fusion-active conformation of HIV-1 gp41", Nature Struct. Biol. 5:276 (1998)
	LaCasse et al, "Fusion-Competent Vaccines" Broad Neutralization of Primary Isolates of HIV", Science 283:357 (1997)
	Boots et al, "Anti-Human Immunodeficiency Virus Type 1 Human Monoclonal Antibodies that Bind Discontinuous Epitopes in the Viral Glycoproteins Can Identify Mimotopes from Recombinant Phage Peptide Display Libraries", AIDS Research and Human Retroviruses 13(18):1549-1559 (1997)
	Bieniasz et al, "HIV-1-induced cell fusion is mediated by multiple regions within both the viral envelope and the CCR-5 co-receptor", The EMBO Journal 16(10):2599-2609 (1997)
	Wild et al, "Propensity for a leucine zipper-like domain of human immunodeficiency virus type 1 gp41 to form oligomers correlates with a role in virus-induced fusion rather than assembly of the glycoprotein complex", Proc. Natl. Acad. Sci. USA 91:12676-12680 (1994)
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	Mascola et al, "Immunization with Envelope Subunit Vaccine Products Elicits Neutralizing Antibodies against Laboratory-Adapted but Not Primary Isolates of Human Immunodeficiency Virus Type I", J. Infect. Dis. 173:340-348 (1996)
	Rizzuto et al, "A Conserved HIV gp120 Glycoprotein Structure Involved in Chemokine Receptor Binding", Science 280:1949-1953 (1998)
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